

Project Development Phase Delivery of Sprint-1

Team ID	PNT2022TMID27475
Project Name	Retail Store Stock Inventory Analytics

Project Development Phase:

Sprint-1:

- Data Collection
- Data Preparation

Sprint-2:

- Data Exploration

Sprint-3:

- Dashboard Creation

Sprint-4:

- Report Creation
- Story Creation

Sprint-1:

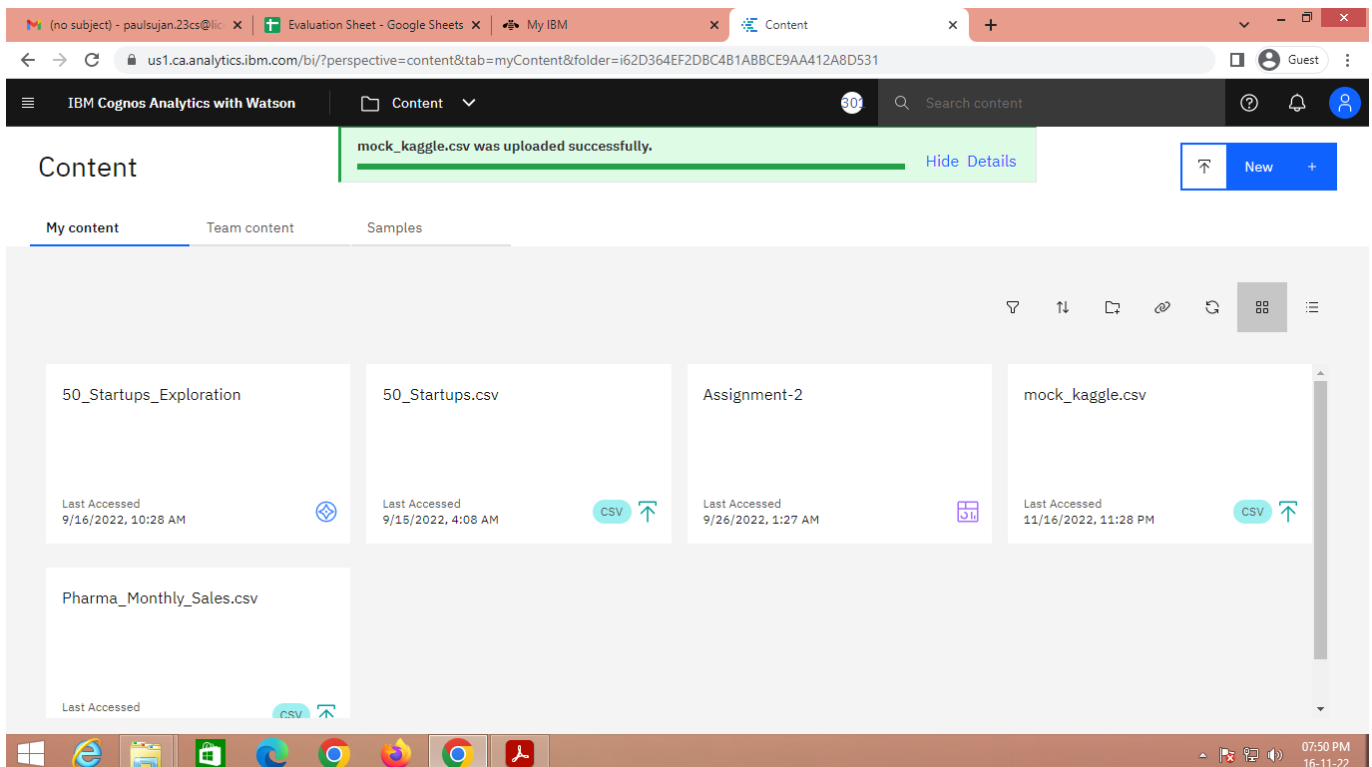
Data Collection:

Download the Dataset

Dataset link - <https://drive.google.com/drive/folders/1kiL-5CHJmQvbK9VyFsuUs-myAupBZGNy>

Load the Dataset:

Tool used – IBM Cognos



Browser tabs: (no subject) - paulsujan.23cs@lic, Evaluation Sheet - Google Sheets, My IBM, Home

Address bar: us1.ca.analytics.ibm.com/bi/?perspective=home

IBM Cognos Analytics with Watson | 1 item open

Select sources

My content

50_Startups_Exploration
9/16/2022, 10:28 AM

50_Startups.csv
9/15/2022, 4:08 AM

Assignment-2
9/26/2022, 1:27 AM

mock_kaggle.csv
11/16/2022, 11:28 PM

Pharma_Monthly_Sales.csv
9/25/2022, 5:15 AM

Filter by

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Type

- ☐ Folders
- ☐ Packages
- ☐ Files
- ☐ Data sets
- ☐ Modules

Modified

- ☒ All
- ☐ Today
- ☐ Yesterday
- ☐ Past week
- ☐ Past month

Taskbar: Windows, Edge, File Explorer, Word, Chrome, Firefox, Chrome, Adobe Reader

System tray: 07:52 PM, 16-11-22

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Search content

Properties

Data module

Search

New data module

Navigation paths

mock_kaggle.csv

Row Id

data

venda

estoque

preco

Grid Relationships Custom tables

Row Id	data	venda	estoque	preco
1	2014-01-01	0	4972	1.29
2	2014-01-02	70	4902	1.29
3	2014-01-03	59	4843	1.29
4	2014-01-04	93	4750	1.29
5	2014-01-05	96	4654	1.29
6	2014-01-06	145	4509	1.29
7	2014-01-07	179	4329	1.29
8	2014-01-08	321	4104	1.29
9	2014-01-09	125	4459	1.09
10	2014-01-10	88	5043	1.09
11	2014-01-11	188	5239	1.09
12	2014-01-12	121	5118	1.09

Month data:

Calculation name

Components

mock_kaggle.csv

Row Id

data

venda

estoque

preco

Expression

1 Month(data_)

Validation Results

The expression is valid.

Calculate after aggregation

Cancel OK

Row Id	data	venda	estoque	preco
12	2014-01-12	121	5118	1.09

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Create calculation

Name: Sales

Components

- mock_kaggle.csv
 - # M_Data
 - # Row Id
 - data
 - venda
 - estoque
 - preco

Expression

```
1 IF(venda =0) THEN (median(venda )) ELSE (venda)
```

Validation Results

✓ The expression is valid.

07:57 PM 16-11-22

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Create calculation

Name: Calculation name

Components

- mock_kaggle.csv
 - # M_Data
 - # Row Id
 - Year
 - sales
 - Stock
 - Price

Expression

```
1 estoque IF(venda =0) THEN (median(venda )) ELSE (venda)
```

Validation Results

08:06 PM 16-11-22

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Create calculation

Name: Calculation name

Components

- mock_kaggle.csv
 - # M_Data
 - # Row Id
 - Year
 - Sales
 - Stock
 - Price

Expression

```
1 estoque preco IF (venda=0) THEN (median(venda)) ELSE [venda]
```

Validation Results

14

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Data module

- New data module
- Navigation paths
- mock_kaggle.csv
 - # M_Data
 - # Row Id
 - Year
 - Sales
 - Stock
 - Price

Grid

Row Id	Year	Sales	Stock	Price
11	2014-01-11	188	5239	1.09
12	2014-01-12	121	5118	1.09
13	2014-01-13	134	4984	1.09
14	2014-01-14	80	4904	1.09
15	2014-01-15	82	4822	1.09
16	2014-01-16	94	4728	1.19
17	2014-01-18	159	4464	1.19
18	2014-01-19	199	4265	1.19
19	2014-01-20	104	4161	1.19
20	2014-01-21	70	4091	1.19
21	2014-01-22	127	3964	1.09

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Search content

Properties

Data module

Search

New data module

Navigation paths

mock_kaggle.csv

M_Data

Row Id

Year

Sales

Stock

Price

Grid Relationships Custom tables

↑↓	Row Id	Year	Sales	Stock	Price
	11	2014-01-11	188	5239	1.09
	12	2014-01-12	121	5118	1.09
	13	2014-01-13	134	4984	1.09
	14	2014-01-14	80	4904	1.09
	15	2014-01-15	82	4822	1.09
	16	2014-01-16	94	4728	1.19
	17	2014-01-18	159	4464	1.19
	18	2014-01-19	199	4265	1.19
	19	2014-01-20	104	4161	1.19
	20	2014-01-21	70	4091	1.19
	21	2014-01-22	127	3964	1.09

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Search content

Properties

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New data module

Navigation paths

mock_kaggle.csv

M_Data

Row Id

Year

Sales

Stock

Price

Grid Relationships Custom tables

↑↓	Row Id	Year	Sales	Stock	Price
	11	2014-01-11	188	5239	1.09
	12	2014-01-12	121	5118	1.09
	13	2014-01-13	134	4984	1.09
	14	2014-01-14	80	4904	1.09
	15	2014-01-15	82	4822	1.09
	16	2014-01-16	94	4728	1.19
	17	2014-01-18	159	4464	1.19
	18	2014-01-19	199	4265	1.19
	19	2014-01-20	104	4161	1.19
	20	2014-01-21	70	4091	1.19
	21	2014-01-22	127	3964	1.09

Stock-Format Data:

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Learn More

Search content

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Guest

Data module

Search

New data module

Navigation paths

mock_kaggle.csv

M_Data

RowId

Year

Sales

Stock

Price

Data format

Column: Stock

Format type: Number

Number of decimal places

Default

Negative sign symbol

Default

Use thousands separator

No

Negative sign position

Default

Missing value characters

<empty>

Advanced options

Reset properties

Price

1.09

1.09

1.09

1.09

1.09

1.19

1.19

1.19

1.19

1.19

1.09

Windows

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Sales-Format Data:

IBM Cognos Analytics with Watson

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Search content

90

Guest

Data module

Search

New data module

Navigation paths

mock_kaggle.csv

M_Data

RowId

Year

Sales

Stock

Price

Data format

Column: Sales

Format type: Number

Number of decimal places

Default

Negative sign symbol

Default

Use thousands separator

No

Negative sign position

Default

Missing value characters

<empty>

Advanced options

Reset properties

Price

1.09

1.09

1.09

1.09

1.09

1.19

1.19

1.19

1.19

1.19

1.09

Windows

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Price-Format Data:

IBM Cognos Analytics with Watson

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Data module

Search

New data module

Navigation paths

mock_kaggle.csv

M_Data

Row Id

Year

Sales

Stock

Price

Data format

Column: Price

Format type: Number

Number of decimal places: Default

Negative sign symbol: Default

Use thousands separator: No

Negative sign position: Default

Missing value characters: <empty>

Advanced options

Reset properties

Price

1.09

1.09

1.09

1.09

1.09

1.19

1.19

1.19

1.19

1.19

1.19

1.09

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Revenue-Format Data:

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Data module

Search

New data module

Navigation paths

mock_kaggle.csv

Revenue

M_Data

Row Id

Year

Sales

Stock

Price

Data format

Column: Revenue

Format type: Number

Number of decimal places: Default

Negative sign symbol: Default

Use thousands separator: No

Negative sign position: Default

Missing value characters: <empty>

Advanced options

Reset properties

Sales

Stock

4972

4902

4843

4750

4654

4509

4329

4104

4459

5043

5239

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